

IN THE CLAIMS:

Please cancel Claims 12, 13, 26, 27, 29 and 31 without prejudice to or disclaimer of the subject matter recited therein.

Please amend Claims 1-4, 11, 15-18, 25 and 30, and add new Claims 32-34, as follows:

1. (Currently Amended) A print system in which a printing apparatus prints by using print data which is sent by a printer driver which is made operative by an information processing apparatus, wherein said printer driver comprises:

information adding means for adding structure information of said print data to said print data which is sent; and

information sending means for sending said added structure information to said printing apparatus,

and wherein said printing apparatus ~~executes~~ comprises print process means for executing a printing process of said print data on the basis of said received structure information,

wherein if data of a next page exists, during the print of a present page, said printer driver notifies said printing apparatus of a print mode and a data structure of the next page as said structure information by said information sending means, and

wherein if it is possible to confirm that a printing operation which is being performed at present can be continuously executed from said notified contents, said printing apparatus subsequently executes a process of the next page.

2. (Currently Amended) A system according to claim 1, wherein ~~the~~ information obtained by said printer driver during ~~the~~ generation of said print data is set as ~~to~~ said structure information.

3. (Currently Amended) A system according to claim 1, wherein said printer driver analyzes said print data before said print data is sent to said printing apparatus, and said analyzed information is set as ~~to~~ said structure information.

4. (Currently Amended) A system according to claim 1, wherein said printing apparatus analyzes said structure information sent by said printer driver, determines the number of nozzles which are used in the printing process, and executes the printing process by using ~~nozzles of said~~ the determined number of nozzles.

5. (Original) A system according to claim 4, wherein when said structure information is not sent, said printing apparatus analyzes said print data and prints.

6. (Original) A system according to claim 1, wherein said structure information includes at least either information showing whether the print data which is subsequently printed is color data or monochrome data or information showing whether said color data and said monochrome data are adjacent to each other or not, and said printing apparatus prints on the basis of said structure information.

7. (Original) A system according to claim 1, wherein said structure information includes at least one of information showing on what number line from a present position the print data which is subsequently printed is generated, information showing from what number line color data starts, and information showing from what number line monochrome data starts, and said printing apparatus prints on the basis of said structure information.

8. (Original) A system according to claim 1, wherein said structure information is information regarding right and left edges of the print data which is subsequently printed, and said printing apparatus prints on the basis of said structure information.

9. (Original) A system according to claim 1, wherein said printer driver can set a designated area of said structure information which is added to said print data on an arbitrary unit basis.

10. (Original) A system according to claim 1, wherein said information sending means sends said structure information to said printing apparatus prior to sending said print data, thereby allowing said printing apparatus to recognize a structure of the print data which is subsequently sent.

11. (Currently Amended) A system according to claim 10, wherein if the data of the [[a]] next page exists during the print of the [[a]] present page, said printer driver notifies said printing apparatus of such a fact by said information sending means.

Claims 12 and 13 (Cancelled).

14. (Original) A system according to claim 11, wherein if it is possible to confirm that it is difficult to continue the print and an error will occur from said notified contents, said printing apparatus causes an error prior to printing said page.

15. (Currently Amended) A printing method by which a printing apparatus prints by using print data which is sent by a printer driver which is made operative by an information processing apparatus, comprising the steps of:

adding structure information of said print data to said print data which is sent by said printer driver;

sending said added structure information to said printing apparatus; and

executing a printing process of said print data by said printing apparatus on the basis of said received structure information,

wherein if data of a next page exists, during the print of a present page, said printer driver notifies said printing apparatus of a print mode and a data structure of the next page as said structure information in said sending step, and wherein if it is possible to confirm that a printing operation which is being performed at present can be continuously

executed from said notified contents, the printer apparatus executes a process of the next page.

16. (Currently Amended) A method according to claim 15, wherein ~~the~~ information obtained by said printer driver during ~~the~~ generation of said print data is set as ~~to~~ said structure information.

17. (Currently Amended) A method according to claim 15, wherein said printer driver analyzes said print data before said print data is sent to said printing apparatus, and said analyzed information is set as ~~to~~ said structure information.

18. (Currently Amended) A method according to claim 15, wherein said printing apparatus analyzes said structure information sent by said printer driver, determines the number of nozzles which are used in the printing process, and executes the printing process by using ~~nozzles of said~~ the determined number of nozzles.

19. (Original) A method according to claim 18, wherein when said structure information is not sent, said printing apparatus analyzes said print data and prints.

20. (Original) A method according to claim 15, wherein said structure information includes at least either information showing whether the print data which is subsequently printed is color data or monochrome data or information showing whether

said color data and said monochrome data are adjacent to each other or not, and said printing apparatus prints on the basis of said structure information.

21. (Original) A method according to claim 15, wherein said structure information includes at least one of information showing on what number line from a present position the print data which is subsequently printed is generated, information showing from what number line color data starts, and information showing from what number line monochrome data starts, and said printing apparatus prints on the basis of said structure information.

22. (Original) A method according to claim 15, wherein said structure information is information regarding right and left edges of the print data which is subsequently printed, and said printing apparatus prints on the basis of said structure information.

23. (Original) A method according to claim 15, wherein said printer driver can set a designated area of said structure information which is added to said print data on an arbitrary unit basis.

24. (Original) A method according to claim 15, wherein in said step of sending said structure information, said structure information is sent to said printing apparatus prior to sending said print data, thereby allowing said printing apparatus to recognize a structure of the print data which is subsequently sent.

25. (Currently Amended) A method according to claim 24, wherein if data of a next page exists during the print of a present page, said printer driver notifies said printing apparatus of such a fact in ~~by~~ said information sending step.

Claims 26 and 27 (Cancelled).

28. (Original) A method according to claim 25, wherein if it is possible to confirm that it is difficult to continue the print and an error will occur from said notified contents, said printing apparatus causes an error prior to printing said page.

Claims 29 (Cancelled).

30. (Currently Amended) A printing apparatus for printing by using print data which is sent by a printer driver which is made operative by an information processing apparatus, comprising:

information receiving means for receiving structure information added to the print data which is sent by said printer driver; and

print processing means for performing a printing process of said print data on the basis of said received structure information,

wherein if it is possible to confirm that a printing operation which is being performed at present can be continuously executed from said structure information of a next page, said print processing means subsequently executes a process of the next page.

Claim 31 (Cancelled).

32. (New) A printing method for a printing apparatus using print data which is sent by a printer driver which is made operative by an information processing apparatus, comprising the steps of:

receiving structure information added to the print data which is sent by said printer driver; and

performing a printing process of said print data on the basis of said received structure information,

wherein if it is possible to confirm that a printing operation which is being performed at present can be continuously executed from said structure information of a next page, a process of the next page is subsequently executed.

33. (New) A print system in which a printing apparatus prints by using print data which is sent by a printer driver which is made operative by an information processing apparatus,

wherein said printer driver adds structure information of said print data to said print data which is sent, and sends said added structure information to said printing apparatus,

wherein said printing apparatus executes a printing process of said print data on the basis of said received structure information,



wherein if a data of next page exists, during the print of a present page, said printer driver notifies said printing apparatus of a print mode and a data structure of the next page as said structure information, and

wherein if it is possible to confirm that a printing operation which is being performed at present can be continuously executed from said notified contents, said printing apparatus subsequently executes a process of the next page.

34. (New) A printing apparatus for printing by using print data which is sent by a printer driver which is made operative by an information processing apparatus,

wherein said printing apparatus receives structure information added to the print data which is sent by said printer driver and performs a printing process of said print data on the basis of said received structure information, and

wherein if it is possible to confirm that a printing operation which is being performed at present can be continuously executed from said structure information of a next page, said printing apparatus subsequently executes a process of the next page.